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FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. 03/20/2001 09/811,614 Joseph M. Cannon CANNON 121-109-65 1498 **EXAMINER** 24998 7590 05/18/2005 DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP CUMMING, WILLIAM D 2101 L Street, NW ART UNIT PAPER NUMBER Washington, DC 20037

> 2683 DATE MAILED: 05/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
Office Action Summary	09/811,614	CANNON, JOHANSON, & MOONEY	
	Examiner	Art Unit	
	WILLIAM D CUMMING	2683	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply			
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).			
Status			
1) Responsive to communication(s) filed on 07 January 2005.			
	a)☑ This action is FINAL. 2b)☐ This action is non-final.		
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.			
Disposition of Claims			
<ul> <li>4)  Claim(s) 1-6,8-19,21,22,24-37,39 and 41-44 is/are pending in the application.</li> <li>4a) Of the above claim(s) is/are withdrawn from consideration.</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1-6,8-19,21,22,24-37,39 and 41-44 is/are rejected.</li> <li>7)  Claim(s) is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/or election requirement.</li> </ul>			
Application Papers			
9) The specification is objected to by the Examiner.			
10)⊠ The drawing(s) filed on <u>20 March 2001</u> is/are: a)□ accepted or b)⊠ objected to by the Examiner.			
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).			
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.			
Priority under 35 U.S.C. § 119			
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>			
Attachment(s)			
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail D  5) Notice of Informal I  6) Other:		

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#### **DETAILED ACTION**

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### **Drawings**

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the motion sensor comprises a BLUETOOTH enabled transceiver as stated by claims 6 and 19; the motion sensor comprising a global positioning system receiver as stated by claim 8 and 21, the GPS receiver as stated by claims 10 and 23; the motion sensor comprises a voice recognition unit as stated by claim 11, the motion sensor comprises a voice recognition unit as stated by claim 24 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

#### 2. INFORMATION ON HOW TO EFFECT DRAWING CHANGES

## **Replacement Drawing Sheets**

Drawing changes must be made by presenting replacement sheets which incorporate the desired changes and which comply with 37 CFR 1.84. An explanation of the changes made must be presented either in the drawing amendments section, or remarks, section of the amendment paper. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). A replacement sheet must include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of the amended drawing(s) must not be labeled as "amended." If the changes to the drawing figure(s) are not accepted by the examiner, applicant will be notified of any required corrective action in the next Office action. No further drawing submission will be required, unless applicant is notified.

Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and within the top margin.

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### **Annotated Drawing Sheets**

A marked-up copy of any amended drawing figure, including annotations indicating the changes made is required by the examiner. The annotated drawing sheet(s) must be clearly labeled as "Annotated Sheet" and must be presented in the amendment or remarks section that explains the change(s) to the drawings.

### **Timing of Corrections**

Applicants are required to submit acceptable corrected drawings within the time period set in the Office action. See 37 CFR 1.85(a). <u>Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.</u>

3. In addition to Replacement Sheets containing the corrected drawing figure(s), applicants are required to submit a marked-up copy of each Replacement Sheet including annotations indicating the changes made to the previous version. The marked-up copy must be clearly labeled as "Annotated Sheets" and must be presented in the amendment or remarks section that explains the change(s) to the drawings. See 37 CFR 1.121(d)(1). Failure to timely submit the proposed drawing and marked-up copy will result in the abandonment of the application.

## Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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5. Claims 6, 8, 10, 19, 21, and 24 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The specification inadequately describes and/or fails to originally support the claimed the motion sensor comprises a BLUETOOTH enabled transceiver as stated by claims 6 and 19; the motion sensor comprising a global positioning system receiver as stated by claim 8 and 21, the GPS receiver as stated by claims 10 and 23; the motion sensor comprises a voice recognition unit as stated by claim 11, the motion sensor comprises a voice recognition unit as stated by claim 24. The "written description" of the invention required by first paragraph of 35 USC §112 is separate and distinct from that paragraph's requirement of enabling disclosure, since description must do more than merely provide explanation of how to "make and use" the invention. Applicant must also convey, with reasonable clarity to those skilled in the art, that applicant, as of the filing date sought, was in possession of the invention, with the invention being, for purpose of "written description" inquiry, whatever is presently claimed. Drawings alone may, under proper circumstances, provide "written description" of the invention required by 35 USC §112, and whether the drawings are from design application or utility application is not determinative. In order to satisfy "written description" requirement of 35 USC §112, the proper test is whether drawings

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conveys, with reasonable clarity to those of ordinary skill in the art, the claim subject matter. The courts have described the essential question to be addressed in a description requirement issue in a variety of ways. An objective standard for determining compliance with the written description requirement is, "does the description clearly allow persons of ordinary skill in the art to recognize that he or she invented what is claimed." In re Gosteli, 872 F.2d 1008, 1012, 10 USPQ2d 1614, 1618 (Fed. Cir. 1989). Under Vas-Cath, Inc. v. Mahurkar, 935 F.2d 1555, 1563-64, 19 USPQ2d 1111, 1117 (Fed. Cir. 1991), to satisfy the written description requirement, an applicants must convey with reasonable clarity to those skilled in the art that, as of the filing date sought, they were in possession of the invention, and that the invention, in that context, is whatever is now claimed. The test for sufficiency of support in a parent application is whether the disclosure of the application relied upon "reasonably conveys to the artisan that the inventor had possession at that time of the later claimed subject matter." Ralston Purina Co. v. Far-Mar-Co., Inc., 772 F.2d 1570, 1575, 227 USPQ 177, 179 (Fed. Cir. 1985) (quoting *In re Kaslow*, 707 F.2d 1366, 1375, 217 USPQ 1089, 1096 (Fed. Cir. 1983)). The specification does not "reasonably conveys to the artisan that the inventor had possession at that time of the later claimed subject matter."

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6. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 6, 18, 19, and 37 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 6, 19, and 37, contain the trademark/trade name BLUETOOTH.

Where a trademark or trade name is used in a claim as a limitation to identify or describe a particular material or product, in this case a transceiver and another device, the claim does not comply with the requirements of 35 U.S.C. 112, second paragraph. See *Ex parte Simpson*, 218 USPQ 1020 (Bd. App. 1982).

The claim scope is uncertain since the trademark or trade name cannot be used properly to identify any particular material or product. A trademark or trade name is used to identify a source of goods, and not the goods themselves. Thus, a trademark or trade name does not identify or describe the goods associated with the trademark or trade name. In the present case, the trademark/trade name is used to identify/describe a transceiver and, accordingly, the identification/description is indefinite.

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## Claim Rejections - 35 USC § 103

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- 8. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 9. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicants are advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
- 10. Claims 1-5, 11-15, 18, 24-32, 36, and 41-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Merriam** in view of **Knuth, et al** as stated in paragraph 4 of the Office action dated March 29, 2004.
- 11. Claims 6, 8-10, 19, 21-23, 37, and 39 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Merriam** in view of **Knuth, et al** and in further view of **Dorenbosch** as stated in paragraph 5 of the Office action dated March 29, 2004.

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- 12. Claims 16 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Merriam** in view of **Knuth, et al** and in further view of **Dorenbosch** and further in view of **Himmel, et al** as stated in paragraph 6 of the Office action dated March 29, 2004.
- 13. Claims 17, 34 and 35 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Merriam** in view of **Knuth, et al** and in further view of **Narayanaswami, et al** as stated in paragraph 7 of the Office action dated March 29, 2004.

### Response to Arguments

14. Applicant's arguments filed January 7, 2005 have been fully considered but they are not persuasive.

Applicants' attorney argues that element #120 is the GPS receiver and the specification adequately describe the motion sensor having an GPS, but if the attorney carefully to read applicants' specification the term GPS receiver is not even mention in the specification. The specification states "...it should be pointed out that global positioning system (GPS) technology may be employed by motion sensor 120. " The motion sensor uses "global positioning system (GPS) technology", whatever that means, but is silent where GPS receiver is and how it is incorporated in the motion sensor as claimed. Only the applicants know this critical information. The subject matter of the claim need not be described literally (i.e., using the same terms or in haec verba) in order for the disclosure to

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satisfy the description requirement. If a claim is amended to include subject matter, limitations, or terminology not present in the application as filed, involving a departure from, addition to, or deletion from the disclosure of the application as filed, the examiner have concluded that the claimed subject matter is not described in that application. This conclusion will result in the rejection of the claims affected under **35 U.S.C.112**, first paragraph - description requirement, or denial of the benefit of the filing date of a previously filed application, as appropriate. The specification is very clear that proximity detectors comprises motion sensors (#120), accelerometers, voice recognition units (#115), BLUETOOTH transceivers (#140), but the specification does not support the motion sensor (#120) comprises accelerometers, voice recognition units, or BLUETOOTH transceivers.

Regarding trademarks in claims, Applicants' attorney should carefully read the claims and the claims as a whole. The claims state "BLUETOOTH-enable transceiver for establishing a communication channel with another BLUETOOTH-enable device." The claims do not state a transceiver for establishing a BLUETOOTH communication channel with another device as argued by applicants' attorney. The presence of a trademark or trade name in a claim is not, per se, improper under 35 U.S.C. 112, second paragraph, but the claim should be carefully analyzed to determine how the mark or name is used in the claim. It is important to recognize that a trademark or trade name is used to identify a source of goods, and not the goods themselves. Thus a trademark or

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trade name does not identify or describe the goods associated with the trademark or trade name. See definitions of trademark and trade name in MPEP § 608.01(v). The examiner has provided evidence from the Trademark Electronic Search System, which applicants' attorney could access, what goods and services the trademark BLUETOOTH covers, which are telecommunication areas, control mechanisms for machines, signaling, apparatus and instruments for data communication, and telecommunication, radios, transmitters, receivers, and even bread toasters. If the trademark or trade name is used in a claim as a limitation to identify or describe a particular material or product, in this case a transceiver and device, the claim does not comply with the requirements of the 35 U.S.C. 112, second paragraph. Ex parte Simpson, 218 USPQ 1020 (Bd. App. 1982). The claim scope is uncertain since the trademark or trade name cannot be used properly to identify any particular material or product. In fact, the value of a trademark would be lost to the extent that it became descriptive of a product, rather than used as an identification of a source or origin of a product. Thus, the use of a trademark or trade name in a claim to identify or describe a material or product would not only render a claim indefinite, but would also constitute an improper use of the trademark or trade name. If a trademark or trade name appears in a claim and is not intended as a limitation in the claim, the question of why it is in the claim should be addressed. Does its presence in the claim cause confusion as to the scope of the claim? If so, the claim should be rejected under 35 U.S.C. 112, second paragraph.

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In response to applicants' attorney's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). **Merriam** discloses a motion sensor sensing when the portable wireless device is moved.

In response to applicants' attorney argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicants relies (i.e., notifies a user of a message upon sensing a portable wireless device has moved) are not recited in the rejected claims. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). What the claims state is that the user was not in a vicinity of the device. The specification is not the measure of the invention. Therefore, limitations contained therein cannot be read into the claims for the purpose of avoiding the prior art (<u>In re Sporck</u>, 155 USPQ 687). Attempt to invoke limitations present in the preferred embodiment but absent from the claims themselves violates the established claim construction principles.

This application is **NOT** in condition for allowance.

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# Conclusion

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15. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

- 16. A shortened statutory period for reply to this final action is set to expire **THREE**MONTHS from the mailing date of this action. In the event a first reply is filed within

  TWO MONTHS of the mailing date of this final action and the advisory action is not

  mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

  shortened statutory period will expire on the date the advisory action is mailed, and any

  extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

  the advisory action. In no event, however, will the statutory period for reply expire later

  than SIX MONTHS from the mailing date of this final action.
- 17. Replacement Notice: Copies of Patent Application Records will be Provided in both Electronic and Paper Form

The Official Gazette notice, published on August 24, 2004 entitled "All Electronic Copies of Patent Application Records Will Now Be Provided as Certified Copies in Electronic Form" (1285 Off. Gaz. Pat. Off, August 24, 2004) is hereby rescinded. The USPTO is reinstating, until further notice, the procedures in effect prior to July 30, 2004 for providing certified copies of patent application records with paper certification statements. The USPTO will also offer electronic certified copies of patent application records at the requester's option.

### **Certified Copies with Paper Certification**

Unless otherwise requested, certified copies of patent application records provided pursuant to 37 CFR 1.19 (b) will be produced with a paper certification statement, continuing the practice in effect prior to July 30, 2004. The certification statement will include an embossed seal and original signature.

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### **Certified Copies with Electronic Certification**

Customers ordering certified copies of patent applications as filed or patent-related file wrapper and contents of published applications from the USPTO website will have the option to choose electronic copies with electronic certification. These files include an imaged certification statement as part of a PDF file containing the document TIFF images. These electronic files are digitally signed by the USPTO for authenticity and integrity, and cannot be undetectably modified. Customers may choose to download these electronic files from the USPTO website or receive them on compact disc.

### Paris Convention for the Protection of Industrial Property and Priority

Irrespective of whether the USPTO provides a paper certified copy or an electronic certified copy, Article 4(d)(3) of the Paris Convention prohibits any country that is a member of the convention from requiring further authentication of the certified copy for purposes of claiming priority under the Paris Convention. (The text of the Paris Convention and a list of its members are available at <a href="https://www.wipo.int/treaties/en/ip/paris/index.html">www.wipo.int/treaties/en/ip/paris/index.html</a>.)

The USPTO is working with other intellectual property offices to encourage the acceptance of priority documents in electronic form with electronic certification. A list of offices and international intellectual property organizations that have agreed to accept electronic certified copies will be posted on the USPTO website soon, and updated regularly.

Questions should be directed to the Office of Public Records by email to opr@uspto.gov or by telephone at (703) 308-9743.

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18. If applicants wish to request for an interview, an "Applicant Initiated Interview Request" form (PTOL-413A) should be submitted to the examiner prior to the interview in order to permit the examiner to prepare in advance for the interview and to focus on the issues to be discussed. This form should identify the participants of the interview, the proposed date of the interview, whether the interview will be personal, telephonic, or video conference, and should include a brief description of the issues to be discussed. A copy of the completed "Applicant Initiated Interview Request" form should be attached to the Interview Summary form, PTOL-413 at the completion of the interview and a copy should be given to applicant or applicant's representative.

19. If applicants request an interview after this **final rejection**, prior to the interview, the intended purpose and content of the interview should be presented briefly, in writing. Such an interview may be granted if the examiner is convinced that disposal or clarification for appeal may be accomplished with only nominal further consideration.

Interviews merely to **restate arguments** of record or to **discuss new limitations** which would require more than nominal reconsideration or new search will be denied.

### 20. Consolidated Appropriations Act, 2005 enacted on December 8, 2004

H.R. 4818, the Consolidated Appropriations Act, 2005 (Consolidated Appropriations Act) was signed by President George W. Bush and enacted into law on December 8, 2004. The Consolidated Appropriations Act revises certain patent application and maintenance fees; provides separate fees for a basic filing fee, a search fee, and an examination fee; and requires an additional fee for any patent application whose specification and drawings exceed 100 sheets of paper (application size fee). The new patent fees are now effective and will remain in effect during the remainder of fiscal year 2005 and during fiscal year 2006. The patent maintenance fee changes apply to any maintenance fee payment made on or after December 8, 2004, regardless of the filing or issue date of the patent for which the fee is submitted. The revised maintenance fees took effect on December 8, 2004. Thus, any maintenance fee paid at any time on (or after) December 8, 2004 is subject to the revised maintenance fee amounts set forth in the Consolidated Appropriations Act.

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Note: If you are paying via the USPTO's Internet Web site, there will likely be a delay in updating the maintenance-fee information on the USPTO's Office of Finance On-Line Shopping Web page. Therefore, if paying on-line, please refer to the updated fee schedule to ensure that you include the appropriate updated fee amount. Maintenance fees must be timely paid in the appropriate amount to avoid expiration of a patent.

The new basic filing fee (or national fee), search fee, examination fee, and application size fee apply to national patent applications (other than provisional applications) filed on or after December 8, 2004, and to international patent applications in which the basic national fee is paid on or after December 8, 2004. The new provisional application filing fee applies to any provisional application filing fee paid on or after December 8, 2004. The filing fee (or national fee), search fee, and examination fee are due on filing. If the filing fee (or national fee) is paid on filing, but the search fee and/or examination fee is missing, the USPTO will issue a notice requiring that any missing search fee and examination fee (but no surcharge until further notice) be paid within a specified period of time in order to avoid abandonment. Thus, if at least the full basic filing fee under the Consolidated Appropriations Act is paid on or after December 8, 2004, the USPTO will issue a notice requiring any balance of the search fee and the examination fee (but no surcharge).

The remaining patent application fee changes, including the excess claims fees, extension of time fees, and appeal fees, apply to any fee payment made on or after December 8, 2004, regardless of the filing date of the application for which the fee is submitted.

USPTO customers should monitor the USPTO's Internet Web site frequently for current patent fee information.

Payments from foreign countries must be payable and immediately negotiable in the United States for the full amount of the fee required.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **WILLIAM D CUMMING** whose telephone number is 571-272-7861. The examiner can normally be reached on Tuesday & Wednesday, 10:30am to 8:30pm,

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WILLIAM D CUMMING Primary Examiner

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Wdc

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PATENT AND
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